

AMENDMENTS TO THE CLAIMS

For the convenience of the Examiner, all claims have been presented whether or not an amendment has been made. The claims have been amended as follows:

1. **(Currently Amended)** A transmit-only ~~Bluetooth-compatible~~ apparatus comprising:

a protocol stack compatible ~~with the Bluetooth protocol standard, said protocol stack including~~ **with a protocol standard for local wireless communication, the protocol stack comprising** selected portions of the ~~Bluetooth~~ protocol **standard** used ~~only~~ for transmitting data, ~~and not including selected portions of the Bluetooth protocol used only for receiving data; and~~

a transceiver communicatively coupled to said protocol stack and ~~configured to physically transmit said data.~~ **operable to:**

wirelessly transmit a synchronization packet at a radio frequency within a predetermined frequency range, the synchronization packet usable to synchronize data transmissions; and

wirelessly transmit a data packet at a radio frequency within a predetermined frequency range, the data packet transmitted after the synchronization packet by a predetermined offset.

2. **(Original)** The transmit-only apparatus as in Claim 1 further comprising a wireless keyboard enclosure within which said protocol stack and said transceiver are configured.

3. **(Original)** The transmit-only apparatus as in Claim 1 further comprising a mouse enclosure within which said protocol stack and said transceiver are configured.

4. **(Currently Amended)** The transmit-only apparatus as in Claim 1 further comprising: **comprising** a data source ~~capable of generating said data.~~ **operable to generate the data packet.**

5. (Currently Amended) The transmit-only apparatus as in Claim 1 ~~further comprising:~~ wherein the synchronization packet is usable by a second apparatus to synchronize data transmissions between the transceiver and the second apparatus.

~~synchronization logic configured to synchronize data transmissions between said transmit-only apparatus and a second wireless apparatus by transmitting a synchronization packet prior to transmitting said data, said synchronization packet and said data being separated by a predetermined offset, said offset being usable by said second apparatus to identify said transmit-only apparatus.~~

6. (Currently Amended) The transmit-only apparatus as in Claim 1 wherein said protocol stack is configured to ~~encapsulate said data in a packet and~~ cause said transceiver to transmit said a data packet twice in succession within a predetermined window of time.

7. (Original) The transmit-only apparatus as in Claim 6 wherein said predetermined window of time is 8.33 msec.

8. (Currently Amended) The transmit-only apparatus as in Claim 6 wherein ~~said protocol stack is further configured to cause said transceiver~~ is further operable to transmit said the data packet twice at two different frequencies.

9. **(Currently Amended)** A receive-only ~~Bluetooth-compatible~~ apparatus comprising:

a protocol stack compatible ~~with the Bluetooth protocol standard, said protocol stack including~~ with a protocol standard for local wireless communication, the protocol stack comprising selected portions of the Bluetooth protocol standard used ~~only~~ for receiving data, ~~and not including selected portions of the Bluetooth protocol used only for receiving data; and~~

a transceiver communicatively coupled to said protocol stack and ~~configured to physically receive said data; operable to:~~

receive a synchronization packet wirelessly transmitted at a radio frequency within a predetermined frequency range, the synchronization packet usable to synchronize data transmissions; and

receive a data packet wirelessly transmitted at a radio frequency within a predetermined frequency range, the data packet received after the synchronization packet by a predetermined offset.

10. **(Original)** The receive-only apparatus as in Claim 9 further comprising a personal computer within which said protocol stack and said transceiver are configured.

11. **(Currently Amended)** The receive-only apparatus as in Claim 9 further comprising: comprising a data sink operable to process the data packet, ~~capable of processing said data.~~

12. **(Currently Amended)** The receive-only apparatus as in Claim 9 ~~further comprising:~~ wherein the synchronization packet is received from a second apparatus, and wherein the receive-only apparatus further comprises synchronization logic configured to synchronize data transmissions between said receive-only apparatus and a the second wireless apparatus, ~~by receiving a synchronization packet prior to receiving said data, said synchronization packet and said data being separated by a predetermined offset, said offset being usable by said receive-only apparatus to identify said second wireless apparatus.~~

13. (Currently Amended) A method comprising:
~~generating a transmit-only Bluetooth protocol stack by removing elements of a standard Bluetooth protocol stack related to receiving data; and~~
~~configuring said transmit-only Bluetooth protocol stack in a transmit-only wireless device for transmitting data.~~
receiving a signal;
generating a data packet corresponding to the signal;
transmitting a synchronization packet usable to synchronize data transmissions,
the synchronization packet transmitted wirelessly at a radio frequency within a predetermined frequency range; and
wirelessly transmitting the data packet at a radio frequency within a predetermined frequency range, the data packet transmitted after the synchronization packet by a predetermined offset.

14. (Currently Amended) The method as in Claim 13 wherein:
the synchronization packet and data packet are transmitted from a transmit-only device; and
the said transmit-only wireless device includes a transceiver ~~communicatively coupled to said transmit-only protocol stack and~~ configured to physically transmit said data packet.

15. (Currently Amended) The method as in Claim 14 wherein said transmit-only wireless device is a wireless keyboard enclosure within which ~~said transmit-only protocol stack and said transceiver are~~ is configured.

16. (Currently Amended) The method as in Claim 14 wherein said transmit-only wireless device is a wireless mouse within which ~~said transmit-only protocol stack and said transceiver are~~ is configured.

17. (Currently Amended) The method as in Claim 13 wherein the synchronization packet and the data packet are transmitted from a transmit-only device. ~~further comprising configuring a data source capable of generating said data within said transmit-only wireless device.~~

18. (Currently Amended) The method as in Claim ~~13~~ 17 further comprising:
~~configuring within said transmit-only wireless device synchronization logic for synchronizing data transmissions between said transmit-only device and a second wireless device, the synchronization based at least in part on the synchronization packet. by transmitting a synchronization packet prior to transmitting said data, said synchronization packet and said data being separated by a predetermined offset, said offset being usable by said second device to identify said transmit-only device.~~

19. (Currently Amended) The method as in Claim 18 further comprising:
~~configuring said transmit-only wireless device to encapsulate said data in a packet and cause said transceiver to transmit said~~ transmitting a data ~~packet twice in succession within a predetermined window of time.~~

20. (Currently Amended) The method as in Claim 19 ~~further comprising:~~ wherein ~~configuring said transmit-only wireless device to transmit said packet twice in succession within an~~ the predetermined window of time is ~~8.33 msec window of time.~~

21. **(Currently Amended)** A transmit-only apparatus comprising:
a transmit-only ~~Bluetooth~~ protocol stack compatible with a protocol standard for local wireless communication, the transmit-only protocol stack having removed therefrom all ~~Bluetooth~~ protocol elements related to receiving data; and
a transceiver communicatively coupled to said transmit-only ~~Bluetooth~~ protocol stack and configured to physically transmit said data. operable to:
wirelessly transmit a synchronization packet at a radio frequency within a predetermined frequency range, the synchronization packet usable to synchronize data transmissions; and
wirelessly transmit a data packet at a radio frequency within a predetermined frequency range, the data packet transmitted after the synchronization packet by a predetermined offset.

22. **(Currently Amended)** The transmit-only apparatus as in Claim 21 further comprising a wireless keyboard enclosure within which said transmit-only ~~Bluetooth~~ protocol stack and said transceiver are configured.

23. **(Currently Amended)** The transmit-only apparatus as in Claim 21 further comprising a mouse enclosure within which said transmit-only ~~Bluetooth~~ protocol stack and said transceiver are configured.

24. **(Currently Amended)** The transmit-only apparatus as in Claim 21 further comprising:

a data source capable of generating said data.

25. **(New)** The transmit-only apparatus as in Claim 1 wherein the protocol standard is a Bluetooth protocol standard.

26. **(New)** The transmit-only apparatus as in Claim 5 wherein the predetermined offset is usable by the second apparatus to identify the transmit-only apparatus.

27. **(New)** The transmit-only apparatus as in Claim 5 wherein the predetermined offset is usable by the second apparatus to identify a priority level associated with the data packet.

28. **(New)** The receive-only apparatus as in Claim 9 wherein the protocol standard is a Bluetooth protocol standard.

29. **(New)** The receive-only apparatus as in Claim 9 wherein the receive-only apparatus is operable to periodically allocate a timing window for receiving at least one synchronization packet.

30. **(New)** The receive-only apparatus as in Claim 12 wherein the predetermined offset is usable by the receive-only apparatus to identify the second apparatus.

31. **(New)** The receive-only apparatus as in Claim 12 wherein the predetermined offset is usable by the receive-only apparatus to identify a priority level associated with the data packet.

32. **(New)** The method as in Claim 13 wherein the synchronization packet is generated using a protocol stack compatible with a protocol standard for local wireless communication, the protocol stack comprising selected portions of the protocol standard used for transmitting data.

33. **(New)** The method as in Claim 32 wherein the protocol standard is a Bluetooth protocol standard.

34. **(New)** The method as in Claim 13 wherein:
the synchronization packet and the data packet are received by a second device; and
the predetermined offset is usable by the second device to identify the transmit-only
wireless device or to identify a priority level associated with the data packet.

35. **(New)** The transmit-only apparatus as in Claim 21 wherein the protocol
standard is a Bluetooth protocol standard.